L Number	Hits	Search Text	DB	Time stamp
61	119	(bimorph\$ or bimetal\$) and (optic\$4 near3 fiber) and ((bragg or diffract\$ or long) with grating)	USPAT; US-PGPUB;	2004/06/10 09:32
	•		EPO; JPO; DERWENT; IBM_TDB	
64	69	((bimorph\$ or bimetal\$ or bi?morph\$ or bi?metal\$) same (temperat\$ or thermal\$)) and (optic\$4 near3 fiber) and ((bragg or diffract\$ or long) with grating)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 10:47
65	136	(bimorph\$ or bimetal\$ or bi?morph\$ or bi?metal\$) and (optic\$4 near3 fiber) and ((bragg or diffract\$ or long) with grating)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 15:33
66	397	(((temperat\$ or thermal\$) with compensat\$) or athermal\$) with ((bragg or diffract\$) near3 grating)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 11:02
67	346	((((temperat\$ or thermal\$) with compensat\$) or athermal\$) with ((bragg or diffract\$) near3 grating)) and (optic\$4 near3 fiber)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 11:02
69	97	(((((temperat\$ or thermal\$) with compensat\$) or athermal\$) with ((bragg or diffract\$) near3 grating)) and (optic\$4 near3 fiber)) and (differen\$5 with (coefficient with expans\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 13:26
70	8	("4703287" "5052632" "5053693" "5270869" "5457532" "5488475" "5574739" "5637865" "2002/0071453").PN.	USPAT	2004/06/10 11:36
71	37	("3190108" "3318593" "3849857" "4012030" "4193317" "4593969" "4636031" "4725110" "4807950" "5007705" "5042898" "5367589" "5388173" "5469520" "5579143" "5682445" "5691999" "5694503" "5757540" "5812716" "5815299" "5844174" "5914972" "5991483" "5995255" "5999671" "6016702" "6031950" "6044189" "6067392" "6101301" "6108470" "6112553" "6118914" "6181851" "6229827" "6337932").PN.	USPAT	2004/06/10 12:56
72	2	("6327405").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 13:26
256	165	((bimorph\$ or bimetal\$) same (temperat\$ or thermal\$)) and fork\$3 and (expan\$ or contract\$ or compress\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/10 15:27

Search History 6/10/04 6:10:19 PM Page 1

257	650	((bimorph\$ or bimetal\$ or bi?morph\$ or bi?metal\$)	USPAT;	2004/06/10
		or (dissimilar with metal\$3)) and (coefficient with	US-PGPUB;	15:58
		thermal\$ with expansion) and vibrat\$	EPO; JPO;	
		,	DERWENT;	
			IBM_TDB	
258	85	(((bimorph\$ or bimetal\$ or bi?morph\$ or bi?metal\$)	USPAT;	2004/06/10
		or (dissimilar with metal\$3)) and (coefficient with	US-PGPUB;	15:34
		thermal\$ with expansion) and vibrat\$) and (optic\$	EPO; JPO;	
		near3 fiber)	DERWENT;	
			IBM_TDB	
259	215	((bimorph\$ or bimetal\$ or bi?morph\$ or bi?metal\$)	USPAT;	2004/06/10
		or (dissimilar with metal\$3)) and (coefficient with	US-PGPUB;	16:22
		thermal\$ with expansion) and (vertical or parallel)	EPO; JPO;	10.22
		and (optic\$4 near3 fiber)	DERWENT;	
		and (opined i hear o inser)	IBM_TDB	
260	124	((bimorph\$ or bimetal\$ or bi?morph\$ or bi?metal\$)	USPAT;	2004/06/10
200	***	or (dissimilar with metal\$3)) and (coefficient with	US-PGPUB;	16:23
		thermal\$ with expansion) and (finger or strip) and	EPO; JPO;	10.25
		(optic\$4 near3 fiber)	DERWENT;	
		(oprice Tiber)	IBM_TDB	
_	1792	(385/37).CCLS.	USPAT;	2003/01/17
_	1,72	(303/3/).0023.	US-PGPUB;	15:53
			EPO; JPO;	15.55
			DERWENT;	
			IBM_TDB	
_	1792	(385/37).CCLS.	USPAT;	2003/01/17
_	1772	(303/37).0023.	US-PGPUB;	15:55
			EPO; JPO;	13.33
			DERWENT;	
			IBM_TDB	
_	178	((385/37).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/01/17
_	1,0	((303/37).0020.) and (prezoelect) \$\phi\$ or \$\perizoelect)	US-PGPUB;	16:02
			EPO; JPO;	10.02
			DERWENT;	
			IBM_TDB	
_	1112	(385/31). <i>CC</i> LS.	USPAT;	2003/01/17
	1116	(000,01,0000.	US-PGPUB;	15:55
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1777	(385/15).CCLS.	USPAT;	2003/01/17
	-,,,	(000,000,000,000,000,000,000,000,000,00	US-PGPUB;	15:56
			EPO; JPO;	33.00
			DERWENT;	
			IBM_TDB	1
_	1228	(385/147).CCLS.	USPAT;	2003/01/17 17:18
	1220	(000,117,0000.	US-PGPUB;	
			EPO; JPO;	
·				
			DERWENT;	

	4504	(250 (124) 66) 6	LICDAT	2002/01/47
-	1501	(359/124).CCLS.	USPAT;	2003/01/17
			US-PGPUB;	15:57
			EPO; JPO;	
			DERWENT;	
,			IBM_TDB	
-	514	(359/130).CCLS.	USPAT;	2003/01/17
			US-PGPUB;	15:59
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	339	(359/290).CCLS.	USPAT;	2003/01/17 16:01
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	533	(359/291).CCLS.	USPAT;	2003/01/17 16:01
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	244	(359/321).CCLS.	USPAT;	2003/01/17
		(00)/ 012/.0000.	US-PGPUB;	16:02
			EPO; JPO;	10.02
			DERWENT;	
			IBM_TDB	
	172	(359/322).CCLS.	USPAT;	2003/01/17
-	1/2	(339/322).CCL3.		16:02
			US-PGPUB;	10.02
			EPO; JPO;	
			DERWENT;	
	240	(250 (202) 66) 6	IBM_TDB	2002 101 117
-	210	(359/323). <i>CC</i> LS.	USPAT;	2003/01/17
			US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT;	
		(/250/2003/4/10)	IBM_TDB	0000/21/22
-	6	((359/323).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:18
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	((359/322).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:18
			EPO; JPO;	
			DERWENT;	
		· ·	IBM_TDB	
-	5	((359/321).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:18
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	31	((359/291).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:17
		.,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	28	((359/290).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
_	20		US-PGPUB;	
		and (bragg or diffract\$)	1	17:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	37	((359/130).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	29	((359/124).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:17
		and (brugg or diffracty)	EPO; JPO;	****
			DERWENT;	
		(205447) (6) (2) (4)	IBM_TDB	0000 104 104
-	11	((385/147).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	16:56
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	33	((385/15).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	16:56
		.,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	26	((385/31).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	16:56
		and (brugg or diffracty)	EPO; JPO;	10.30
			DERWENT;	
	1/0	//205/27\	IBM_TDB	2002/0/ /04
_	160	((385/37).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	16:56
			EPO; JPO;	
			DERWENT;	
			IBW_TDB	
-	810	(385/27).CCLS.	USPAT;	2003/01/17 17:18
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	508	(385/136).CCLS.	USPAT;	2003/01/17 17:18
			US-PGPUB;	= 300, 02, 1, 1, 10
			EPO; JPO;	
			DERWENT;	
			1	
			IBM_TDB	1

	31	((385/27).CCLS.) and (piezo lectr\$ or peizoelectr\$)	USPAT;	2003/06/04
	31	and (bragg or diffract\$)	US-PGPUB;	16:56
		and (brugg or arritacity)	EPO; JPO;	10.50
			DERWENT;	
			IBM_TDB	
	,	(/395/134) CCI 6) and (mineral artust on maireal artust)	_	2003/06/04
-	3	((385/136).CCLS.) and (piezoelectr\$ or peizoel ctr\$)	USPAT;	1 :
		and (bragg or diffract\$)	US-PGPUB;	16:57
			EPO; JPO;	
			DERWENT;	
			IBW_LDB	
-	5516	(piezoelectr\$ or peizoelectr\$) and (bragg or	USPAT;	2003/01/17
	İ	diffract\$)	US-PGPUB;	17:22
			EPO; JPO;	
			DERWENT;	
			IBW_TDB	
-	1023	(piezoelectr\$ or peizoelectr\$) and ((bragg or	USPAT;	2003/01/17
		diffract\$) with grat\$) and ((optic\$2 with fiber) or	US-PGPUB;	17:33
		waveguide)	EPO; JPO;	
]		DERWENT;	
			IBM_TDB	
_	464	(piezoelectr\$ or peizoelectr\$) and (((bragg or	USPAT;	2003/01/17
		diffract\$) with grat\$) with ((optic\$2 with fiber) or	US-PGPUB;	17:33
		waveguide))	EPO; JPO;	
		, ,	DERWENT;	
			IBM_TDB	
_	122	((piezoelectr\$ or peizoelectr\$) and (((bragg or	USPAT;	2003/01/21
	1	diffract\$) with grat\$) with ((optic\$2 with fiber) or	US-PGPUB;	08:46
		waveguide))) and stretch\$	EPO; JPO;	
		wavogarao),) and on one	DERWENT;	
			IBM_TDB	
_	2	("5694501" "6374015").PN.	USPAT	2003/01/21
	_	(30)4301 307 1013).114.	00,7	08:32
	134	((piezoelectr\$ or peizoelectr\$) and (((bragg or	USPAT;	2003/01/21
_	134	diffract\$ or (long with period)) with grat\$) with	US-PGPUB;	09:03
		((optic\$2 with fiber) or waveguide))) and stretch\$	EPO; JPO;	37.03
		((opincus with fiber) or waveguide))) and stretchip	DERWENT;	
			IBM_TDB	
	0	((359/124).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
-		''	US-PGPUB;	17:19
		and (bragg or diffract\$)	EPO; JPO;	11.19
			1	
			DERWENT;	
		(/250 (/20) (C) (-) (/-) (-) (-) (-) (-) (-) (-) (-) (-) (-) (IBM_TDB	2002/04/04
_	0	((359/130).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2003/06/04
		and (bragg or diffract\$)	US-PGPUB;	17:17
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000 (0) (0)
-	6042	p??zoelectr\$ and (bragg or diffract\$)	USPAT;	2003/06/04
			US-PGPUB;	17:42
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	2026	p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/04
		grating)	US-PGPUB; EPO; JPO;	17:43
			DERWENT;	
			IBM_TDB	
_	44	(p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/04
		grating)) and u?shap\$	US-PGPUB;	17:43
			EPO; JPO;	
			DERWENT;	
			IBW_TDB	
-	134	(p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/04
		grating)) and ((temerature or therm\$4) with	US-PGPUB;	17:45
		(insensitiv\$ or eliminat\$ or compensat\$))	EPO; JPO;	
			DERWENT;	
	275	(-221+	IBM_TDB	2003/06/04
-	275	(p??zoelectr\$ and ((bragg or diffract\$ or long) with grating)) and ((temperature or therm\$4) with	USPAT; US-PGPUB;	17:46
		(insensitiv\$ or eliminat\$ or compensat\$))	EPO; JPO;	17.40
		(msensitive of eminimary of compensative))	DERWENT;	
			IBM_TDB	
_	8	((p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/05
		grating)) and ((temperature or therm\$4) with	US-PGPUB;	08:20
:		(insensitiv\$ or eliminat\$ or compensat\$))) and	EPO; JPO;	:
		u?shap\$	DERWENT;	
			IBW_TDB	
-	104	((p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/05
		grating)) and ((temperature or therm\$4) with	US-PGPUB;	08:20
		(insensitiv\$ or eliminat\$ or compensat\$))) and (shift	EPO; JPO;	
		with wavelength)	DERWENT;	
	2	("5694501" "6374015").PN.	IBM_TDB USPAT	2003/06/04
		(3034301 0374013).FN.	USFAT	18:08
_	2	("5694501" "6374015").PN.	USPAT	2003/06/04
		, , , , , , , , , , , , , , , , , , , ,		18:10
-	110	(p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/05
		grating)) and ((temperature or therm\$4) with shift	US-PGPUB;	08:35
		with wavelength)	EPO; JPO;	
			DERWENT;	
	2.0	(nn) A (21)	IBM_TDB	2002/04/07
-	968	(p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/05
		grating)) and (athermal or compensat\$)	US-PGPUB; EPO; JPO;	10:33
			DERWENT;	
			IBM_TDB	
-	261	((p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2003/06/05
		grating)) and (athermal or compensat\$)) and (shift	US-PGPUB;	10:00
		with wavelength)	EPO; JPO;	
			DERWENT;	
			IBW_TDB	
-	3583	p??zoelectr\$ and (stainless with steel) and	USPAT;	2003/06/05
		(p??zoelectr\$ and (bragg or diffract\$ or long))	US-PGPUB;	12:18
			EPO; JPO;	
			DERWENT;	
L	<u> </u>		IBM_TDB	I

Search History 6/10/04 6:10:19 PM Page 6

	91	p??zoelectr\$ and (stainless with steel) and ((bragg or	USPAT;	2003/06/05
_		diffract\$ or long) with grating)	US-PGPUB;	10:36
		annitacity of long) with graining)	EPO; JPO;	10.30
			DERWENT;	
			IBM_TDB	
	44	(UEO 42000U UEC 0244EU UEO 41020U UEO01402U	_	2002 (0) (05
-	11	("5042898" "5682445" "5841920" "5991483"	USPAT	2003/06/05
		"5999671" "6044189" "6101301" "6181851"		10:46
	!	"6327405" "6393181" "6400884").PN.		
-	373	p??zoelectr\$ and (stainless with steel) and (athermal	USPAT;	2003/06/05
		or ((temperature or therm\$4) with compensat\$))	US-PGPUB;	12:30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	36	(p??zoelectr\$ and (stainless with steel) and	USPAT;	2003/06/05
	!	(athermal or ((temperature or therm\$4) with	US-PGPUB;	12:21
		compensat\$))) and grating	EPO; JPO;	
İ			DERWENT;	
			IBM_TDB	
_	2	("5042898").PN.	USPAT;	2003/06/05
			US-PGPUB;	12:21
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	954	p??zoelectr\$ and (therm\$4 with expans\$) and	USPAT;	2003/06/05
		(athermal or ((temperature or therm\$4) with	US-PGPUB;	12:31
		compensar\$))	EPO; JPO;	12.01
			DERWENT;	
			IBM_TDB	
<u> </u>	153	(p??zoelectr\$ and (therm\$4 with expans\$) and	USPAT;	2003/06/05
	155	(athermal or ((temperature or therm\$4) with	US-PGPUB;	12:31
		compensat\$))) and grating	EPO; JPO;	16.01
		compensar \$))) and graining	DERWENT;	
	2	 ("5694501" "6374015").PN.	IBM_TDB USPAT	2003/04/05
_	4	(3034301 0374013 J.FN.	USPAI	2003/06/05
		(II.4.10.10.E.1 II.) D. I	LICDAT	12:50
_	2	("6181851").PN.	USPAT;	2003/06/05
]		US-PGPUB;	17:16
			EPO; JPO;	
			DERWENT;	
		//action data > 1/1	IBM_TDB	
-	230	((385/37).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:00
			EPO; JPO;	
			DERWENT;	
			IBW_TDB	
-	39	((385/31).CCL5.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:00
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

<u></u>	60	((385/15) CCI S) and (nigraple other or reincels other)	USPAT;	2004/06/09
-	60	((385/15).CCLS.) and (piezoelectr\$ or peizoelectr\$)	US-PGPUB;	16:01
		and (bragg or diffract\$)		10.01
			EPO; JPO;	
			DERWENT;	
		(1005 (147) 441 - 1	IBM_TDB	0004/04/00
-	13	((385/147).CCLS.) and (pi zoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	53	((385/27).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:01
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5	((385/136).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:01
			EPO; JPO;	·
			DERWENT;	
			IBM_TDB	
_	44	((359/290).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
	·	and (bragg or diffract\$)	US-PGPUB;	16:02
		- Line (27.199 or 11111 ac.14)	EPO; JPO;	10.01
			DERWENT;	
			IBM_TDB	
_	47	((359/291).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
	7,	and (bragg or diffract\$)	US-PGPUB;	16:02
		and (brugg or arritacity)	EPO; JPO;	10.02
			DERWENT;	
			•	
	_	((350/331) CCL 6) and (nines also that an unit and a that)	IBM_TDB	2004/07/00
-	6	((359/321).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT;	
	_	(/350/322) ((d) (c) (IBM_TDB	2004/07/20
-	7	((359/322).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	((359/323).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	14	((398/79).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:02
			EPO; JPO;	
			DERWENT;	
	<u> </u>		IBM_TDB	

-	0	((398/80).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:03
		.,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	3	((398/81).CCLS.) and (piezoelectr\$ or p izoelectr\$)	USPAT;	2004/06/09
		and (bragg or diffract\$)	US-PGPUB;	16:03
		and (5, agg of an 1, 1, ao , q)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	20	((398/87).CCLS.) and (piezoelectr\$ or peizoelectr\$)	USPAT;	2004/06/09
	20	and (bragg or diffract\$)	US-PGPUB;	16:03
		and (brugg or diffracty)	EPO; JPO;	10.03
			DERWENT;	
			IBM_TDB	
	98	(p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2004/06/09
	96		US-PGPUB;	16:54
		grating)) and (fulcrum or lever)		16:54
			EPO; JPO;	
			DERWENT;	
	523	(-22	IBM_TDB	2004/0/ /00
	523	(p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2004/06/09
		grating) with (optic\$4 near3 fiber))	US-PGPUB;	17:13
		•	EPO; JPO;	
			DERWENT;	
	400	// nn	IBM_TDB	2004/0//00
	108	((p??zoelectr\$ and ((bragg or diffract\$ or long) with	USPAT;	2004/06/09
		grating) with (optic\$4 near3 fiber))) and	US-PGPUB;	17:14
		((temperat\$ or thermal\$) with expan\$ with	EPO; JPO;	
		coefficient)	DERWENT;	
			IBM_TDB	
	32	((bimorph\$ or bimetal\$) same (temperat\$ or	USPAT;	2004/06/09
		thermal\$)) and (optic\$4 near3 fiber) and	US-PGPUB;	18:33
		p??zoelectr\$ and ((bragg or diffract\$ or long) with	EPO; JPO;	
		grating)	DERWENT;	
			IBW_TDB	
	55	((bimorph\$ or bimetal\$) same (temperat\$ or	USPAT;	2004/06/10
		thermal\$)) and (optic\$4 near3 fiber) and ((bragg or	US-PGPUB;	15:26
		diffract\$ or long) with grating)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	